**Index of Claims** 

	A	ppl	icati	on/C	ontro	l No.
--	---	-----	-------	------	-------	-------

Applicant(s)/Patent under Reexamination

10/649,539

SUMNER ET AL. Art Unit

Examiner

Benny Q. Tieu

2642

Rejected **Allowed** 

(Through numeral) Cancelled

Non-Elected N

**Appeal** Α

Objected

0

Restricted

ł Interference

		Ч_					,										_		_					J					_
Cla	aim	Date			Date Claim Date									Claim					Dat										
Final	Original	10/15/05										Final	Original										Final	Original					
1	1	Ξ											51									ゴ		101					_
2	2	=		_	_	_	_	<u> </u>	_	_			52	$\sqcup$	_	_					4	_	ļ	102	L	Ш	4	$\dashv$	
3	3	=	<u> </u>	_	┞	<u> </u>	<u> </u>	<u> </u>					53	Н		_					_	_		103	_	$\sqcup$		4	
5	<u>4</u> 5	=	├	<u> </u>	-	-	-	<u> </u>	-				54	-		$\dashv$	$\dashv$		_	Н	$\dashv$	-		104	_	-	$\dashv$	-	
6	6	=	-	-	_	<del> </del>	├	<u> </u>	-	_			55 56	$\vdash$	$\dashv$	-	$\dashv$		_	Н	$\dashv$	$\dashv$		105	-	-	$\dashv$	-	
7	7	=	-	┝	⊢	┢	┢		-	_			57		$\dashv$	-	-		_				-	106	<u> </u>	$\vdash$	-	$\dashv$	_
8	8	=	-	⊢	$\vdash$	┢	⊢	$\vdash$	$\vdash$				58	$\vdash$	$\dashv$							-	-	107	-	Н	$\dashv$	$\dashv$	_
9	9	ΙΞ	H	-	$\vdash$	$\vdash$	-	-	$\vdash$	_			59	$\vdash$	$\dashv$	$\dashv$	-	_	_		-	$\dashv$	-	109	-	-	-	$\dashv$	
10	10	=	$\vdash$	⊢	├	$\vdash$	┢	┢	┢				60	Н		$\dashv$	-		_	$\vdash$	┰	$\dashv$	-	110	$\vdash$	$\vdash$	$\dashv$	$\dashv$	_
11	11	=	$\vdash$	╁	$\vdash$	$\vdash$	╁	-	-			_	61	Н	$\dashv$	$\dashv$			_	Н	$\dashv$	$\dashv$		111	$\vdash$	-	$\dashv$	ᅱ	_
12	12	Ì₽		$\vdash$	$\vdash$	┢	┢	H	$\vdash$				62	Н	$\neg$	-		-			$\dashv$	$\dashv$	-	112	_	$\vdash$	$\dashv$	$\dashv$	_
13	13	=	$\vdash$	-	$\vdash$	╁	$\vdash$	-	$\vdash$				63	Н	$\dashv$	$\dashv$				-		$\dashv$		113		$\vdash$	$\dashv$	$\dashv$	_
14	14	=	$\vdash$		┢	┢	┢	┢		_			64		-	$\dashv$				Н	$\dashv$	$\dashv$	-	114	$\vdash$	$\vdash$	十	$\dashv$	
15	15	=	_	$\vdash$	$\vdash$	$\vdash$	-						65		$\dashv$	$\dashv$					-	$\dashv$	$\vdash$	115	$\vdash$	H	$\dashv$	$\dashv$	_
16	16	=	$\vdash$	$\vdash$	Ι	<del> </del>	$\vdash$	_		_			66	H	$\dashv$	$\neg$				Н	十	$\dashv$		116		$\vdash$	$\dashv$	$\dashv$	_
17	17	=		$\vdash$	$\vdash$	T	$\vdash$	Т	_				67	Н	一	$\neg$					$\dashv$			117		H	寸	$\dashv$	—
18	18	=											68	Н	$\neg$	$\neg$			_		$\dashv$	$\dashv$		118	$\vdash$	H	ヿ	$\dashv$	_
19	19	=		Т	Г			Г					69		T					П		7		119		$\Box$	寸	ヿ	_
20	20	=			T .	1		$\vdash$					70	П	7	$\neg$			_		$\neg$	$\neg$		120		$\vdash$	$\neg$	寸	
21	21	=						Г					71	П								$\neg$		121			ヿ	$\neg$	
22	22	=			П	П	П						72									1		122		П	ヿ	ヿ	_
23	23	=											73		$\neg$							$\neg$		123					_
24	24	=			Г								74		$\neg$						寸	コ		124		П	$\neg$	$\neg$	_
25	25	=											75	П							$\neg$			125			$\neg$		
26	26	=											76								$\neg$	_		126		П	$\neg$	$\Box$	
27	27	=											77											127		П		$\neg$	
28	28	=											78											128				$\Box$	
29	29	=			L								79											129					
30	30	=	_	L	<u>_</u>	L	<u></u>	_	Ш				80								$\perp$	_		130		Ш	$\Box$		
31	31	=		<u> </u>									81	Ш							$\perp$			131					
32	32	=	_	<u> </u>	_		_	_					82		_	_					_	_		132			_	_	
33	33	=	_	<u> </u>	_		_	_	_				83		_	_					_	_	·	133	Ŀ			_	
34	34	=	_	_	_	_	<u> </u>	_	Ш				84	$\sqcup$	4	_					_	4	_	134	_		_	_	
_	35	_	_	<u> </u>	_	_	<u> </u>		_				85	$\Box$	_	$\dashv$					_	4		135			_	_	
	36	_	$\vdash$	<u> </u>	<u> </u>	<u> </u>		_					86	Н	_	_	_				_			136	_		_	_	
	37	<u> </u>	<u> </u>	<u> </u>	├	-	├-	<u> </u>					87	$\vdash \vdash$		_				Щ		4	<u> </u>	137	<u> </u>	Н	4	-	
-	38 39	-	<u> </u>	├	<del> </del>	$\vdash$	-		$\vdash$	_			88	$\vdash$	$\dashv$					Н	$\dashv$	$\dashv$	<u> </u>	138	<u> </u>	H	$\dashv$	-	
-	40	$\vdash$	<u> </u>	├	<del> </del>	⊢-	├	-	$\vdash$				89	$\dashv$				_		Н	-	$\dashv$	-	139	<b></b> -	$\vdash \vdash$		$\dashv$	
	41	$\vdash$	<del> </del>	$\vdash$		-		-	-	_			90 91	$\vdash$	-	_	_	_		$\vdash\dashv$	-+	$\dashv$	$\vdash$	140	-	$\vdash \vdash$	$\dashv$	$\dashv$	
<del> </del>	42	-	—	-	⊢	$\vdash$	$\vdash$	-	$\vdash$	-			92	$\dashv$	$\dashv$			-		Н	$\dashv$	$\dashv \cdot$	-	141	$\vdash$	H	$\dashv$	$\dashv$	_
-	43	<del> </del>	$\vdash$	<del> </del>	-	$\vdash$	$\vdash$	-	$\vdash$	$\dashv$			93		$\dashv$	-		-		Н	$\dashv$	$\dashv$	-	143	$\vdash$	$\vdash$	$\dashv$	$\dashv$	
	44	$\vdash$		-	⊢	<del>                                     </del>	$\vdash$		Н			-	94	$\vdash$	$\dashv$					Н	-+	$\dashv$	-	144	-	$\vdash$	$\dashv$	$\dashv$	
$\vdash$	<del></del>	-		Ь.	<b>—</b>	-	_		-		1			ш		1					_			144		Ll	1	1	

95

96

97

98

99 100

Claim						Date	9			
						Γ		П		
_	Original									
Final	igi	i								
ш.	ō	i								
		Ŀ	_	<u> </u>	-	_	_	_	_	$\vdash$
	101	_	_	<u> </u>	_				_	Ш
	102	$oxed{oxed}$	$ldsymbol{ld}}}}}}$	Щ	_					Ш
	102 103			L	_				Ŀ	Ш
	104						L.			Ш
	105									
	106									
	107									
	108									
	108 109									
	110									
	111 112									
	112									П
	113									$\vdash$
	114		_	$\vdash$				-	-	Н
	114 115	$\vdash$	$\vdash$	-		$\vdash$	Н	$\vdash$		Н
	116		$\vdash$		H	-		$\vdash$		Н
	117		$\vdash$				H	H		$\vdash \vdash$
	118	$\vdash$	$\vdash$	$\vdash$	$\vdash$	H	H	H	-	H
	119	-	$\vdash$	$\vdash$		<u> </u>	_	$\vdash$	-	Н
	120		$\vdash$	-	-	-	_	-	-	Н
	120 121		-	├			_		$\vdash$	Н
	122	-	$\vdash$	$\vdash$	_	-	_	$\vdash$	_	Н
-	122	$\vdash$					_		-	Н
	122 123 124	H	$\vdash$	$\vdash$	_	-		_		Н
	124	-		-	-	-		_	-	Н
	125 126	-	H	$\vdash$	<del>-</del>		-	_	_	Н
	127	-	-	<del> </del>						$\vdash \vdash$
	129		$\vdash$		-					Н
	128 129	-	$\vdash$	H	<u> </u>	-	-	_	_	Н
	130	-	H	$\vdash$	⊢				-	Н
	131	-	$\vdash$	$\vdash$	$\vdash$	-	_	_		Н
	132	-		$\vdash$		H		-	_	Н
	132	-		_	-	$\vdash$	$\vdash$	$\vdash$	<u> </u>	Н
	133 134	$\vdash$			_	$\vdash$			<u> </u>	Н
	134	-	_	_	<u> </u>	$\vdash$		-	<u> </u>	$\vdash \vdash$
	135	<u> </u>		$\vdash$	_	<u> </u>		$\vdash$	<u> </u>	Н
	136	<u> </u>	_		_	$\vdash$	<u> </u>		$\vdash$	Ш
	137 138	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>		Н
	138	<u> </u>		_		<u> </u>		<u> </u>		Щ
	139		<b>L.</b>		ļ	$\vdash$		-	-	Н
	140	-	<u> </u>	$\vdash$	_	<u> </u>		$\vdash$		Н
	141 142	$\vdash$	$\vdash$	<u> </u>	_		<u> </u>		_	Н
		H	—	$\vdash$		<u> </u>	$\vdash$	-	<u> </u>	Н
	143		-		<u> </u>	$\vdash$	<u> </u>		<u> </u>	Н
	144	$\vdash$			ļ		_		_	Н
	145	Ш		_		$\vdash$		Щ	Ь—	Н
	146	Н	Щ	Ь.,	_	Щ	_	Н	<u> </u>	Н
	147	Н	Ш	-		H		Ш	_	$\vdash \dashv$
	148	Щ	Ш	<b>-</b>		Щ		-	<u> </u>	Щ
	149	Щ	Ш	Ш		Ш	L-I	Щ	<u> </u>	$\sqcup$
	150	Щ	لـــا	Ш		ш		Ш		Ш

45

46

47

48

49